

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

**DECLARATION FOR UTILITY OR
DESIGN
PATENT APPLICATION
(37 CFR 1.63)**Declaration
Submitted
With Initial
Filing

OR

Declaration
Submitted after Initial
Filing (surcharge
(37 CFR 1.16 (e))
required)

Attorney Docket Number

93217-1

First Named Inventor

SMARANDACHE, Sandu Margar

COMPLETE IF KNOWN

Application Number

n/a

Filing Date

n/a

Art Unit

n/a

Examiner Name

n/a

I hereby declare that:

Each inventor's residence, mailing address, and citizenship are as stated below next to their name.

I believe the inventor(s) named below to be the original and first inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

CURRENT DRIVER EMPLOYING PULSE-WIDTH MODULATION

(Title of the Invention)

the specification of which



is attached hereto

OR



was filed on (MM/DD/YYYY)

as United States Application Number or PCT International

Application Number

and was amended on (MM/DD/YYYY)

(if applicable).

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment specifically referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT international filing date of the continuation-in-part application.

I hereby claim foreign priority benefits under 35 U.S.C. 119(a)-(d) or (f), or 365(b) of any foreign application(s) for patent, inventor's or plant breeder's rights certificate(s), or 365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below, by checking the box, any foreign application for patent, inventor's or plant breeder's rights certificate(s), or any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number(s)	Country	Foreign Filing Date (MM/DD/YYYY)	Priority	Certified Copy Attached?	
			Not Claimed	Yes	No
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

☐ Additional foreign application numbers are listed on a supplemental priority data sheet PTO/SB/02B attached hereto.

[Page 1 of 2]

This collection of information is required by 35 U.S.C. 115 and 37 CFR 1.63. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 21 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

DECLARATION — Utility or Design Patent Application

Direct all correspondence to: <input checked="" type="checkbox"/> Customer Number: 22463 OR <input type="checkbox"/> Correspondence address below			
Name			
Address			
City		State	
Country		ZIP	
Telephone		Fax	
I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 18 U.S.C. 1001 and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.			
NAME OF SOLE OR FIRST INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any]) SANDU MARGARIT		Family Name or Surname SMARANDACHE	
Inventor's Signature			Date
Residence: City Mississauga	State Ontario	Country Canada	Citizenship Canadian
Mailing Address 55 Bristol Road East, Unit 98			
City Mississauga	State Ontario	ZIP L4Z 3N9	Country Canada
NAME OF SECOND INVENTOR:		<input type="checkbox"/> A petition has been filed for this unsigned inventor	
Given Name (first and middle [if any])		Family Name or Surname	
Inventor's Signature			Date
Residence: City	State	Country	Citizenship
Mailing Address			
City	State	ZIP	Country
<input type="checkbox"/> Additional inventors or a legal representative are being named on the _____ supplemental sheet(s) PTO/SB/02A or 02LR attached hereto.			

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:)	Group Art Unit: (unknown)
)	
SMARANDACHE, Sandu Margarit)	Examiner: (unknown)
)	
Serial No.:)	Attorney Docket: 93217-1
)	
Filed:)	
)	
For: CURRENT DRIVER EMPLOYING)	
PULSE-WIDTH MODULATION)	

Commissioner for Patents
P.O. Box 1415
Alexandria, VA 22313-1450
U.S.A.

**POWER OF ATTORNEY FOR
PATENT APPLICATION**

Lynch Fluid Controls Inc. a Canadian corporation having principal offices at:

**55 Queen's Plate Drive
Toronto, Ontario
M9W 6P2
Canada**

the owner by assignment of the entire right, title and interest to the invention for CURRENT DRIVER EMPLOYING PULSE-WIDTH MODULATION, by SMARANDACHE, Sandu Margarit, and in and to the application for patent and any Letters Patent, whether domestic or foreign, that may issue thereon, by virtue of the assignment (check as applicable):

- ☒ Recorded Concurrently Herewith
- ☐ Recorded on
- ☐ Recorded at Reel Frame
- ☐ Copy Attached

hereby appoints the following attorneys and/or agents with full power of substitution, association and revocation to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

In Re Application of:
SMARANDACHE, Sandu Margarit
for CURRENT DRIVER EMPLOYING PULSE-WIDTH MODULATION
Page 2

John R. Morrissey (Reg. No. 28585)
Keltie R. Sim (Reg. No. 34535)
Alistair G. Simpson (Reg. No. 37040)
Matthew Zischka (Reg. No. 41575)

Gunars Gaikis (Reg. No. 32811)
Ronald D. Faggetter (Reg. No. 33345)
Yoon Kang (Reg. No. 40386)
Tai Nahm (Reg. No. 54906)

its attorneys with full power of substitution and revocation, to prosecute all U.S. patent applications relating to said invention and to transact all business connected therewith, including signing of all papers on its behalf and making alterations and amendments.

Please send all correspondence to: SMART & BIGGAR
438 University Avenue
Suite 1500, Box 111
Toronto, Ontario
Canada M5G 2K8
Tel: (416) 593-5514
Fax: (416) 591-1690

The undersigned is the representative for the Assignee of the entire right, title, and interest in the patent application identified above, and is authorized to act on behalf of the Assignee.

Lynch Fluid Controls Inc.

Date

Name: Ernest Thomas James Lynch

Title: President